



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200
Fax 613 632-5246

D3619-2
Job Sheet 195080



Part No: D3619-2

Job Qty: 6 pcs

Part Name: Grommet



Part Weight: 0 lbs

Status: New

Priority: Medium

Job Created: 5/14/19

Job Tracking No:

Due Date: 5/20/19

Created By: Chantal Lavoie

Type: Stock

Description:

Note: DWG REV A IPP Rev:A New Issue 07-04-09 JLM

Ship Via:

Bill of Materials

Job Routing

Op No	Operation	Qty	Start Date	Due Date	Standard		Workcenter/Supplier		Sign-off
					Setup Hrs	Run Hrs	Workcenter / Supplier	Lead Time	
100	Purchasing	6 pcs	5/20/19	5/20/19	0.00	0.00	Purchasing - 1		
							Purchasing - 2		
							Purchasing - 3		
110	Packaging 2-1 - Receive - B4B	6 pcs	5/20/19	5/20/19	0.00	0.00	Packaging 2 - 1 - B4B		
							Packaging 2 - 2 - B4B		
							Packaging 2 - 3 - B4B		
							Packaging 2 - 5 - B4B		
							Packaging 2 - 4 - B4B		
							Packaging 2 - 6 - B4B		
							Packaging 2 - 7 - B4B		
							Packaging 2 - 8 - B4B		
							Packaging 2 - 9 - B4B		
							Packaging 2 - 10 - B4B		
							Packaging 2 - 11 - B4B		
							Packaging 2 - 12 - B4B		
							Packaging 2 - 13 - B4B		
							Packaging 2 - 14 - B4B		
							Packaging 2 - 15 - B4B		
							Packaging 2 - 16 - B4B		
							Packaging 2 - 17 - B4B		
							Packaging 2 - 18 - B4B		
							Packaging 2 - 19 - B4B		
							Packaging 2 - 20 - B4B		
							Packaging 2 - 21 - B4B		
							Packaging 2 - 22 - B4B		
							Packaging 2 - 23 - B4B		
							Packaging 2 - 24 - B4B		
							Packaging 2 - 25 - B4B		
							Packaging 2 - 26 - B4B		
							Packaging 2 - 27 - B4B		
							Packaging 2 - 28 - B4B		



Container No: S182001



Part: D3619-2

Job No: 195080

Serial No/Batch: S182001

Revision:

Inspector:

Exp Date:

Instructions: Various STC's

Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
CANADA
TEL.: 1 613 632-5200
Email: sales@dartaero.com
www.dartaerospace.com

Date: 05/16/19

				Packaging 2 - 29 - B4B	
				Packaging 2 - 30 - B4B	
				Packaging 2 - 31 - B4B	
				Packaging 2 - 32 - B4B	
				Packaging 2 - 33 - B4B	
				Packaging 2 - 34 - B4B	
				Packaging 2 - 35 - B4B	
				Packaging 2 - 36 - B4B	
120	QC 6	6 pcs	5/20/19	0.00 0.00	QC 6 - 9
					QC 6 - 68
					QC 6 - 61
					QC 6 - 40
130	Packaging 3-1 - Stock - B4B	6 pcs	5/20/19	0.00 0.00	Packaging 3 - 1 - B4B
					Packaging 3 - 2 - B4B
					Packaging 3 - 3 - B4B
					Packaging 3 - 4 - B4B
					Packaging 3 - 5 - B4B
					Packaging 3 - 6 - B4B
					Packaging 3 - 7 - B4B
					Packaging 3 - 8 - B4B
					Packaging 3 - 9 - B4B
					Packaging 3 - 10 - B4B
					Packaging 3 - 11 - B4B
					Packaging 3 - 12 - B4B
					Packaging 3 - 13 - B4B
					Packaging 3 - 14 - B4B
					Packaging 3 - 15 - B4B
					Packaging 3 - 16 - B4B
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					Packaging 3 - 28 - B4B
					Packaging 3 - 29 - B4B
					Packaging 3 - 30 - B4B
					Packaging 3 - 31 - B4B
					Packaging 3 - 32 - B4B
					Packaging 3 - 33 - B4B
					Packaging 3 - 34 - B4B
					Packaging 3 - 35 - B4B
					Packaging 3 - 36 - B4B
140	QC 21 - SA	6 pcs	5/20/19	0.00 0.00	QC 21 - SA - 21
					QC 21 - SA - 70
					QC 21 - SA - 53

Part Op 100 - (Purchasing) Issue P/O: _____ Purchase Part Number: 9610K18
 Descriptions: 110 - (Receive & Inspect for Damage & Mat'l Certs) Ensure material certification is attached
 120 - (QC6- All purchased or subcontracted products)
 130 - (Identify as per dwg & Stock Location: _____) *****Remove supplier paperwork from box.*****
 140 - (QC21- Final Inspection - Work Order Release)

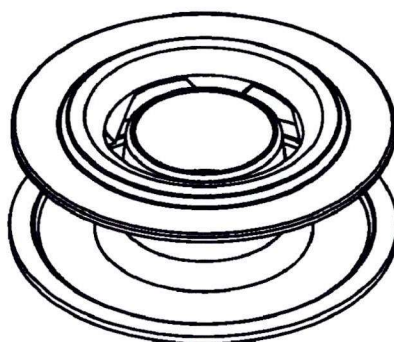
Job BOM				
Part / Item	Component Name	Quantity	Operation	Container
9610K18	Grommet D3619-2	6 Ea (1 ea)	100-Purchasing	5181976
Job Allocations				
Operation	Component Part	Required	Inventory	Allocated
100-Purchasing	9610K18	6	0	0
Part Specifications				
Specifications could not be found.				

Plex 5/14/19 7:47 AM dart.lavoie.chantal



DESIGN <i>LE</i>	DRAWN BY <i>LE</i>	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
CHECKED <i>PH</i>	APPROVED <i>[Signature]</i>	DRAWING NO. D3619	REV. A SHEET 1 OF 1
DATE 07.03.26		TITLE GROMMET	SCALE NTS
REV A	DATE 07.03.26	DESCRIPTION NEW ISSUE	

SPECIFICATION CONTROL DRAWING



RELEASED
07 04 02 #

D3619-X GROMMET.
WHERE X REPRESENTS THE GROMMET TRADE SIZE

DART P/N	TRADE SIZE	DESCRIPTION	HOLE SIZE	MAX. MTL THICKNESS	MCMASTER CARR P/N
D3619-0	0	BRASS GROMMET W/ TEETH	1/4	0.110	9610K16
D3619-1	1	BRASS GROMMET W/ TEETH	9/32	0.120	9610K17
D3619-2	2	BRASS GROMMET W/ TEETH	3/8	0.150	9610K18
D3619-3	3	BRASS GROMMET W/ TEETH	7/16	0.230	9610K19
D3619-4	4	BRASS GROMMET W/ TEETH	1/2	0.300	9610K21

NOTES:

1) PURCHASE INFO: MCMASTER-CARR P/N'S INCLUDE THE FOLLOWING:

48 GROMMETS FOR SIZE 0 & 1,
24 GROMMETS FOR SIZE 2, 3 & 4,
D3619-XT1 HOLE PUNCH,
D3619-XT2 STRIKER BLOCK,
D3619-XT3 PUNCH AND
D3619-XT4 DIE

2) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED

3) ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED

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Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

PURCHASE ORDER

POHB043475



Supplier: MCM001-VU
McMaster-Carr Supply Co,
P.O. Box 7690
Chicago, IL 60680-7690 USA
Phone: 330 995 5500
Fax: 330 995 9600

Attention: N/A,

Ship To: 1270 Aberdeen Street
Hawkesbury
ON
K6A 1K7 Canada
Phone: 613-632-5200

PO No: POHB043475

PO Date: 5/15/19

Due Date: 5/17/19

Purchase Order

Revision:

Revision Date:

Ship-To Contact: Lavoie, Chantal
clavoie@dartaero.com

Via: Ground

Pymt Terms: 2% 10 Net 30

Freight Terms:

Special Comments:

E-MAILED
MAY 15 2019

Items

Line Item	Job	Part	Supplier Part No	Description	Status	Account	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (USD)	Extended Price
1		3088A934	1/pk	Low-Carbon Steel Round Shim Set, 3/4" ID	Firmed	-	5/17/19	16 Ea	0 Ea	16 Ea	\$14.40/Ea	\$230.40
2		3088A935	1/pk	Low-Carbon Steel Round Shim Set, 7/8" ID	Firmed	-	5/17/19	16 Ea	0 Ea	16 Ea	\$15.55/Ea	\$248.80
3		91124A101	25/pk	Spring Steel Shims for Shortening 5/8" Diameter Screw Shoulder, 0.062" Thick	Firmed	-	5/17/19	25 Ea	0 Ea	25 Ea	\$0.208/Ea	\$5.20
4		20NR-48	92620A747 10/PK	Bolt 1 3/4 x 1/2 Rail	Firmed	-	5/17/19	20 Ea	0 Ea	20 Ea	\$1.042/Ea	\$20.84
5		3049T72	1/pk	Low-Temperature Eyebolt with Shoulder For Lifting 3/8"-16 Thread	Firmed	-	5/17/19	1 Ea	0 Ea	1 Ea	\$16.91/Ea	\$16.91
6		91104A031	100/pk	Steel Zinc Yellow Split Lock Washer 0.385" ID. X 0.680" OD. X 0.094" Thick	Firmed	-	5/17/19	100 Ea	0 Ea	100 Ea	\$0.063/Ea	\$6.30



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Hawkesbury, ON
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PURCHASE ORDER

POHB043475



Items

Line Item	Job	Part	Supplier Part No	Description	Status	Account	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (USD)	Extended Price
7		94485A029	10/pk	Grade 7 Steel Extra-Wide Hex Nut 3/8"-16	Firmed	-	5/17/19	10 Ea	0 Ea	10 Ea	\$0.582/Ea	\$5.82
8	195080	9610K18	1/pk	Grommet D3619-2 AS PER DWG D3619 REV. A	Firmed	-	5/17/19	6 Ea	0 Ea	6 Ea	\$13.31/Ea	\$79.86
Grand Total:											\$614.13	

Order Notes

Procurement Quality Clauses
A005 RIGHT OF ENTRY
A016 PERSONNEL QUALIFICATION
A026 CERTIFICATION OF MATERIAL CONFORMANCE
A032 DOCUMENT SPECIAL REQUIREMENTS
A033 STATEMENT OF CONFORMITY/TEST RECORDS FOR NAS, AN and MS FASTENERS
A040 NOTIFICATION OF QUALITY ESCAPE
A041 QUALITY MANAGEMENT SYSTEM
A042 DART NOTIFICATION BY SUPPLIER
A043 RETENTION OF QUALITY DOCUMENTS

A048 COUNTERFEIT PARTS AVOIDANCE, DETECTION, MITIGATION AND DISPOSITION PROGRAM
A049 SUPPLIER AWARENESS

Terms & Condition of Purchasing(Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit www.dartaerospace.com for further explanation.

Plex 5/15/19 3:09 PM dart.lavoie.chantal



200 Aurora Industrial Pkwy
Aurora OH 44202-8087
330-995-5500
cle.sales@mcmaster.com

Dart Aerospace Ltd
1270 Aberdeen St
Hawkesbury ON K6A 1K7
Canada

Purchase Order
POHB043475
Order Placed By
Chantal Lavoie

McMaster-Carr Number
4486923-02

Page 1 of 1
05/15/2019

Line	Product	Ordered	Shipped
1	3088A934 Low-Carbon Steel Round Shim Set, 3/4" ID	16 Each	16
2	3088A935 Low-Carbon Steel Round Shim Set, 7/8" ID	16 Each	6
3	91124A101 Spring Steel Shims for Shortening 5/8" Diameter Screw Shoulder, 0.062" Thick, Packs of 25	1 Pack	1
4	92620A747 Zinc Yellow-Chromate Plated Hex Head Screw, Grade 8 Steel, 1/2"-20 Thread Size, 1-3/4" Long, Packs of 10	2 Packs	2
5	3049T72 Low-Temperature Eyebolt, and with Shoulder-for Lifting, 3/8"-16 Thread Size	1 Each	1
6	91104A031 Zinc Yellow-Chromate Plated Steel Split Lock Washer for 3/8" Screw Size, 0.385" ID, 0.68" OD, Packs of 100	1 Pack	1
7	94485A029 Grade 7 Steel Extra-Wide Hex Nut for High-Pressure Applications, 3/8"-16 Thread Size, Packs of 10	1 Pack	1
8	9610K18 Fabric Grommet Kit with Tooth Lock Washers, Trade Size 2, for 0.15" Maximum Thickness	6 Each	6

DAS
61
9-89

Shipped separately from our Chicago warehouse on 05/15

2	3088A935 Low-Carbon Steel Round Shim Set, 7/8" ID	16 Each	10
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RECEIVED
MAY 16 2019
DART AEROSPACE LTD.